COVID-19 VACCINE IN PREGNANCY REFERENCE GUIDE

COVID-19 in Pregnancy

Getting COVID during pregnancy increases your risk of:

- ICU admission   6-fold
- Intubation   14-fold
- Death   15-fold

JAMA

A person who gets COVID during pregnancy is more likely than a non-pregnant person to have:

- ICU admission   3-fold
- Intubation   2-fold
- ECMO   2.4-fold ("heart-lung machine")
- Death   1.7-fold

CMAJ

Getting COVID during pregnancy also makes you more likely to have pregnancy-complications:

- Preeclampsia   4-fold
- Preterm birth   4-fold
- Gestational diabetes 2-fold
- Low birth weight   2-fold

CDC

COVID-19 Vaccine in Pregnancy

COVID-19 vaccine in pregnancy works and is safe:

- Does not increase risk of miscarriages or adverse pregnancy outcomes
- Prevents hospitalizations and severe disease in pregnancy
- Has the same side effect profile as non-pregnant persons
- Protective antibodies pass through the placenta and breastmilk
- Mounts a better response than natural infection

How do we know that vaccines are safe in pregnancy?

We have multiple tracking mechanisms in place, and decades of vaccine safety data:

- Adverse Event Reporting System (VAERS): a long-standing mechanism to track all vaccine adverse events
- V-Safe: COVID-specific tracking mechanism
  - >160,000 pregnant persons who received COVID-19 vaccine in pregnancy
  - >5000 enrolled in pregnancy registry
- Vaccine Safety Datalink (VSD): Network of health systems who share vaccine data

Booster dose:

- Pfizer only (as of October 14, 2021)
- "People aged 18–49 with underlying medical conditions may receive Pfizer booster -this includes **PREGNANCY & RECENT PREGNANCY**"